

MECHANICAL DESIGN ENGINEER

NAVEENKUMAR K

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Career Aspiration:

Seeking employment in a challenging atmosphere, which will allow me to grow professionally, while being able to utilize my skills, abilities, experience and knowledge in the field of engineering to achieve goals and ensure the growth of company.

Professional Experience:

- I have totally 6.6 years' experience. Technically accomplished profession with **4.6 years** of experience in **design, 2-year experience in foundry inspection in Sakthi Auto Component Limited.**
- July 2022 to still Senior Design Engineer in **R&D Vehicle Integration** – Mahindra Research valley (Mahindra & Mahindra Farm division) Deputed by Sree Krishna Power Engineering & Consultancy Private limited.
- Jan 2019 to May 2022 Design Engineer – Care soft Global Private limited Deputed by SAN Engineering Solution.
- New Product Design and development for **Steering column and mounting bracket, selecting suitable Tire and Rim to find best TCR values, Tow hook, Bumper, and Kit parts at Tractor layout level.**
- Proficient in **3D modeling, Assembling & drafting, Sheet metal** using **Unigraphics NX** and **Creo.**
- Preparation of **SOR documents (Statement of requirements), Technical proposals, DFMEA (failure analysis)** documents
- Effective in Layout and Bom creation and comparison.
- Process excellent in planning & controlling the **Manufacturing** and **Machining** process.
- Technically strong in **GD&T ASME 14.5.**
- Strong in **UNIGRAPHICS, CREO, TEAM CENTER (TcE), VISUALIZATION MOCKUP**

Roles and responsibilities: -

- Responsible for understanding the product design requirements, Optimizing and developing the steering column and surrounding parts and reducing **TCR** Values by optimizing Rim and Tire
- Design & Development of Drawbar and Bumper and Kit parts .
- Provide support to manufacturing team during each stage of build & after product launch.
- Organize and Conduct DFMEA with CFT members, attend and resolve field service concern after start of production.
- Responsible for giving design change proposal for any failure at any stage of product development.
- Discussing with supplier and freezing the design in every development stage
- Cost reduction ideas generation, feasibility study and implementation for series production.
- Modeling and drafting of various welding assemblies with as per customer requirements.
- Provide drawing packages including details, assemblies, layouts, and BOM structures.
- Handling all Engineering Change Requests.

Projects handled:

- All OJA Tractors
- YUVO STAR, ARJUN NOVO, JIVO, BHOOMIPUTRA
- Upcoming all 4wd & 2Wd Tractors.

EDUCATION: -

- Completed **Bachelor of Engineering in Mechanical** from Arulmurugan college of Engineering at Karur, TamilNadu (2012 to 2016)
- **HSC** from Government higher secondary school, Karur, Tamil Nādu (2010-2012)

STRENGTHS: -

- Very good learner, self-motivated with positive attitude.
- Strong communication and interpersonal skill.
- Result oriented, strong will power and better planning and coordination.
- Enthusiasm to learn new concepts / practices.
- Easily adaptable nature.

PERSONAL DETAILS

- Date of Birth : 06/07/1995
- Present Address : Flat No. T1, Chettipunyam, Mahindra World City, Chengalpattu, Tamilnadu, India
- Permanent Address : 3/87, Puthuvadi, Keeranoor (PO) karur, Tamilnadu -639119
- Marital Status : Un married
- Sex : Male
- Nationality : Indian
- Passport No : S0090490
- Language : Tamil, English.Telugu.

DECLARATION:

I do hereby declare that the above information is the best of my knowledge.

Place: - Chennai

NAVEENKUMAR K

Date: -

(Signature)